

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A light emitting element comprising:

n pieces of light emitting layers (n is a natural number) between a first electrode and a second electrode; and

a first layer ~~containing a substance that transports a hole easily and a substance with an electron-accepting property~~, and a second layer ~~containing a substance that transports an electron easily and a substance with an electron-donating property~~ provided between the mth light emitting layer (m is a natural number of $1 \leq m \leq n$) and the m + 1th light emitting layer, the second layer being in contact with the first layer,

~~wherein the substance with the electron-accepting property is molybdenum oxide~~
wherein the first layer contains both an aromatic amine and molybdenum oxide, and
wherein the second layer contains both a first substance that transports an electron easily
and a second substance having an electron donating property with respect to the first substance.

2. (Currently Amended) A light emitting element comprising:

n pieces of layer groups (n is a natural number) between a pair of electrodes, each of the layer groups including:

a first layer ~~containing a substance that transports a hole easily and a substance with an electron-accepting property~~ both an aromatic amine and molybdenum oxide;

a second layer containing both a first substance that transports an electron easily and a second substance [[with]] having an electron donating property with respect to the first substance;

a light emitting layer provided between the first layer and the second layer;

a hole transporting layer between the first layer and the light emitting layer; and

an electron transporting layer between the second layer and the light emitting layer,

wherein in the n pieces of layer groups, the [[first]] second layer included in the m^{th} layer group (m is a natural number of $1 \leq m \leq n$) and the second first layer included in the $m + 1^{\text{th}}$ layer group are laminated in contact with each other.

3. (Currently Amended) A light emitting element comprising:

n pieces of light emitting layers (n is a natural number) between a first electrode and a second electrode with higher reflectance than that of the first electrode; and

a first layer containing ~~a substance that transports a hole easily and a substance with an electron-accepting property~~ both an aromatic amine and molybdenum oxide and a second layer containing both a first substance that transports an electron easily and a second substance with an electron donating property with respect to the first substance between the m^{th} light emitting layer (m is a natural number of $1 \leq m \leq n$) and the $m + 1^{\text{th}}$ light emitting layer, the second layer being in contact with the first layer,

wherein a peak wavelength of emission spectrum of the $m+1^{\text{th}}$ light emitting layer is shorter than that of the m^{th} light emitting layer, and

wherein the n pieces of light emitting layers are arranged such that the $m + 1^{\text{th}}$ light emitting layer is placed closer to the second electrode than the m^{th} light emitting layer.

4. (Currently Amended) A light emitting element comprising:

n pieces of light emitting layers between a first electrode and a second electrode with higher reflectance than that of the first electrode; and

a first layer containing ~~a substance that transports a hole easily and a substance with an electron-accepting property~~ both an aromatic amine and molybdenum oxide and a second layer containing both a first substance that transports an electron easily and a second substance with an electron donating property with respect to the first substance between the m^{th} light emitting layer (m is a natural number of $1 \leq m \leq n$) and the $m + 1^{\text{th}}$ light emitting layer, the second layer being in contact with the first layer,

wherein the n pieces of light emitting layers are arranged such that the light emitting layer exhibiting a shorter peak wavelength of emission spectrum is provided closer to the second electrode.

5. (Canceled)

6. (Currently Amended) A light emitting element comprising:

a first layer, a second layer formed in contact with the first layer, a third layer and a fourth layer formed in contact with the third layer between a first electrode and a second electrode, wherein the first layer and the third layer contain both an aromatic amine and molybdenum oxide ~~a substance that transports a hole easily and a substance with an electron-accepting property~~, and the second layer and the fourth layer contain both a first substance that transports an electron easily and a second substance with an electron donating property with respect to the first substance;

a first light emitting layer emitting red light provided between the first layer and the first electrode;

a second light emitting layer emitting green light provided between the second layer and the third layer; and

a third light emitting layer emitting blue light provided between the fourth layer and the second electrode.

7. (Canceled)

8. (Currently Amended) The light emitting element according to claim 6 or claim 7, wherein the second electrode highly reflects light ~~more easily as~~ compared with the first electrode.

9. (Currently Amended) A light emitting device comprising any one of light emitting elements ~~as disclosed in~~ according to claim 1 through claim 8.

10. (Currently Amended) A light emitting element comprising:
at least two light emitting layers between a first electrode and a second electrode; and
a first layer containing ~~a substance that transports a hole easily and a substance with an electron-accepting property~~ both an aromatic amine and molybdenum oxide, and a second layer containing both a first substance that transports an electron easily and a second substance with an electron donating property with respect to the first substance between a first light emitting layer and a second light emitting layer, the second layer being in contact with the first layer;

wherein the substance with the electron-accepting property is molybdenum oxide.

11. (Currently Amended) A light emitting element comprising:

at least two layer groups between a pair of electrodes, each of the layer groups including:

a first layer containing ~~a substance that transports a hole easily and a substance with an electron-accepting property~~ both an aromatic amine and molybdenum oxide;

a second layer containing both a first substance that transports an electron easily and a second substance with an electron donating property with respect to the first substance;

a light emitting layer provided between the first layer and the second layer;

a hole transporting layer between the first layer and the light emitting layer; and

an electron transporting layer between the second layer and the light emitting layer,

wherein in the layer group groups, the first layer included in a first layer group and the second layer included in a second layer group are laminated in contact with each other.

12. (Currently Amended) A light emitting element comprising:

at least two light emitting layers between a first electrode and a second electrode with higher reflectance than that of the first electrode; and

a first layer containing ~~a substance that transports a hole easily and a substance with an electron-accepting property~~ both an aromatic amine and molybdenum oxide and a second layer containing both a first substance that transports an electron easily and a second substance with an electron donating property with respect to the first substance between a first light emitting layer and a second light emitting layer, the second layer being in contact with the first layer,

wherein a peak wavelength of emission spectrum of the second light emitting layer is shorter than that of the first light emitting layer, and

wherein the light emitting layers are arranged such that the second light emitting layer is placed closer to the second electrode than the first light emitting layer.

13. (Currently Amended) A light emitting element comprising:

at least two light emitting layers between a first electrode and a second electrode with higher reflectance than that of the first electrode; and

a first layer containing ~~a substance that transports a hole easily and a substance with an electron-accepting property~~ both an aromatic amine and molybdenum oxide and a second layer containing both a first substance that transports an electron easily and a second substance with an electron donating property with respect to the first substance between a first light emitting layer and a second light emitting layer, the second layer being in contact with the first layer,

wherein the light emitting layers are arranged such that the light emitting layer exhibiting a shorter peak wavelength of emission spectrum is provided closer to the second electrode.

14. (Canceled)

15. (Currently Amended) A light emitting device comprising any one of light emitting elements ~~as disclosed in~~ according to claim 10 through claim 13.